Learning Management System Fielding Overview for Action Officers

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Agenda

- The Army Distributed Learning Program (TADLP) Overview
- Army Learning Management System (ALMS)
- Upcoming Events
- MOA
- Leave Behinds

Action Officers Visit Purpose

- Overview of TADLP.
- Introduction of the Army LMS functions, capabilities, and benefits.
- Overview of required fielding efforts.
- Identification of all personnel scheduled for ALMS training at this location.
- Address the scope of a Memorandum of Agreement (MOA) used to document the Fielding tasks.

Army DL Goals

Train to One Standard

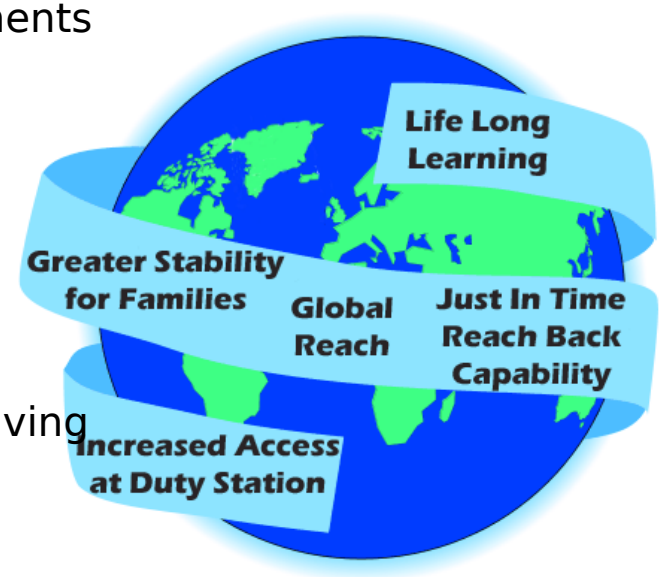
- Improve ability to train service members and supporting civilian workers in all Army components to a Single Army Standard.

Reduce Costs

- Reduce training delivery support costs.

Improve Morale

- Improve service member morale by allowing members to obtain required training without leaving their home station.


Life Long Learning
Greater Stability for Families
Global Reach
Just In Time Reach Back Capability
Increased Access at Duty Station

Improve Training Efficiency

- Improve training efficiency since instructors train more students in a shorter period of time.

Improve Unit Readiness

- Reduce personnel turbulence resulting from long term absence for resident training thus improving unit readiness.

Why DL for the Army?

" Distributed Learning gives us the best of the best, because it links virtual with live training, and provides an important means of taking training and education to Soldiers and units anywhere, anytime."

General Kevin P. Byrnes
Commanding General,
US Army Training and Doctrine Command

Army Distributed Learning

Mission:

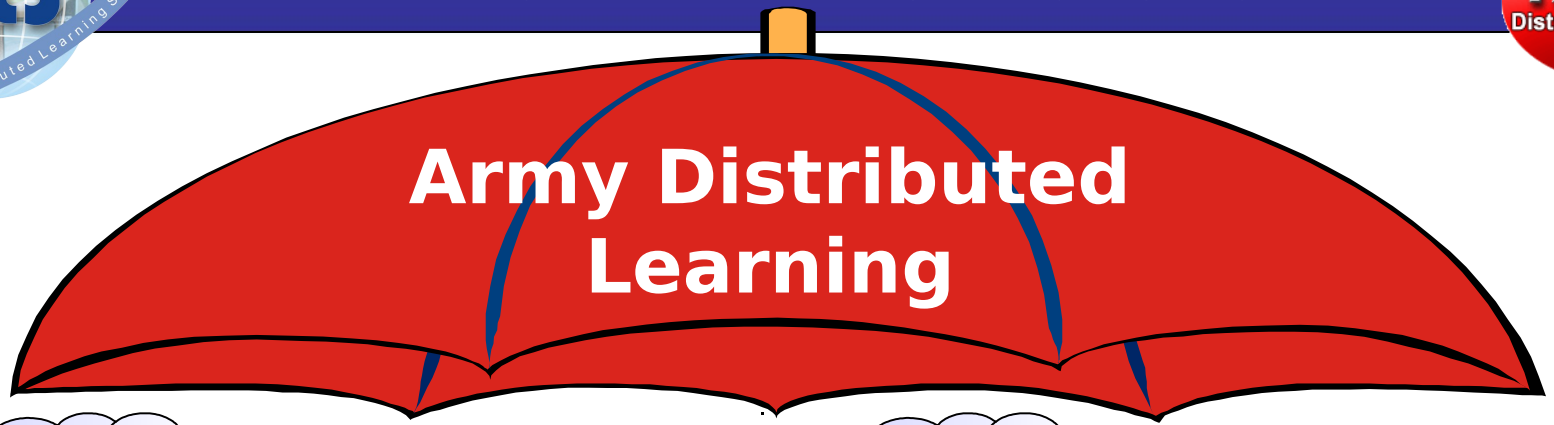
“To improve readiness by the delivery of standardized individual, collective, and self-development training to soldiers and units any time and any place through the application of multiple means and technologies.”

1996

Supports Army Transformation Efforts

2010

The TADLP Umbrella



TPIO TADLP

PM DLS

ATSC

Classroom XXI

DL Coursewar e

Army Training Information System

Digital Training Facilities

Deployed Digital Training Campus

ARNG DTTP

BCT/OSUT

Battle Command Knowledge System

Army e-learning

Learning Management System

Lifelong Learning Centers

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TADLP Courseware Status

Where we were:
FY98-05 CW funding $180.8M

Where we will be:
FY06-11 $289M POM

Courseware

- 525 Redesigned courses by FY2010
- TRADOC FY05 redesign priorities:
  - Contemporary Operating Environment/ Global War on Terror (COE/GWOT)
  - Duty MOS Qualified (DMOSQ) / SL 10 Reclass (USARC/NGB/ARMY)
- Professional Military Education
  - Basic NCO Courses
  - Advanced NCO Courses
  - Warrant Officer Education System
  - Officer Education System
- Functional Courses

Maintenance Strategy

- Focus:
  - Content
  - Technical Aspects
- Options:
  - Modify Existing Contract
  - Establish New Contract

Professional Military Education Success Story

Issue:

- Professional Military Education backlog amongst Non-Commissioned Officers due to on-going operational deployments in the Middle East.

Solution:

- Video Tele-training has provided 6,200 graduates to date.
- Basic Non-Commissioned Officer Course, Common Core training, Battle Staff, Medical Certification, First Sergeants Course, Language refresher, and Combat Engineer (IED).
- Between July 04 and April 05 approximately 13,000 Soldiers will be scheduled for Professional Military Education via Video-Tele-training.
  - 3000 Soldiers in Europe
  - 1700 Soldiers in Korea
  - 8000 Soldiers in CONUS

Deployed Digital Training Campus (DDTC)

<u>DDTC Deployments</u>: Germany; Bosnia; Kosovo; Sinai

"Go anywhere"

- Low weight and compact.
- Rapid setup & use in austere conditions.
- Fully integrated & available now.

- Meets the immediate need for mobile, adaptable, high capacity secure wireless and satellite communications.
- High bandwidth, deliver any content, anywhere, any time.
- Networked with reach back capability.
- Plan, rehearse, and execute.
- Stryker BDE train-up for Iraq deployment.
- Increment 4 of PM DLS acquisition strategy.

Satellite link connects remote sites with any VTT or VTC system globally. DDTC is virtually unlimited in connecting to any other communication technology systems.

DDTC Vision

- **Provide on demand/call forward capability.**
- **PM DLS scheduled to begin fielding systems in FY07.**
- **Provide "embedded" individual, collective, collaborative, and simulations based training capability.**
  - Force XXI Battle Command Battalion/Brigade and Below (FBCB2) Training.
  - Two-way interactive VTT using voice over IP.
  - Access to all DL based classrooms.
- **Provide full spectrum connectivity (terrestrial, satellite, and wireless).**
- **Provide NSA approved secure communications capability.**
- **Highly mobile (HMMWV), small footprint, one soldier 1 hour max set-up time.**

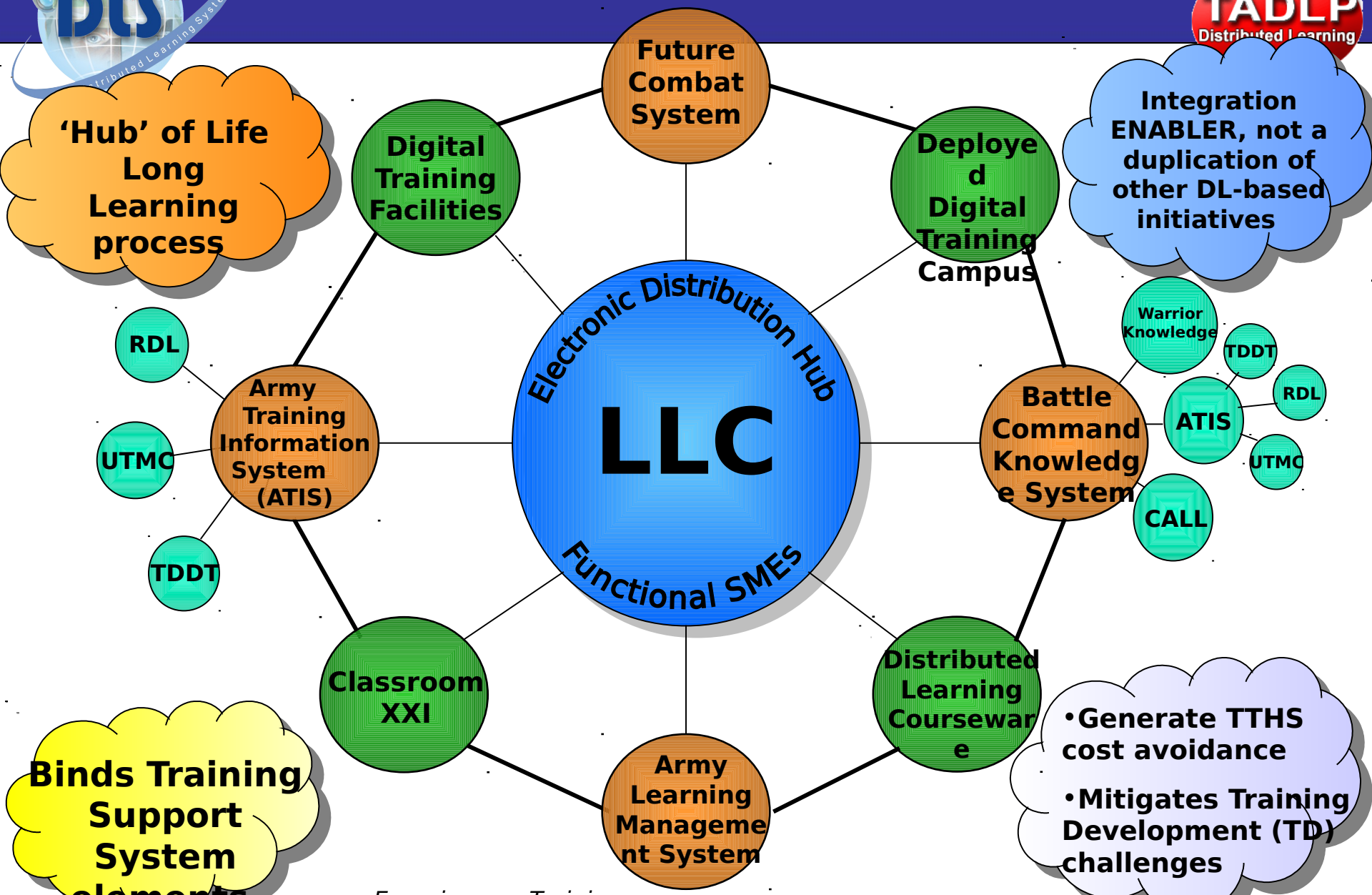
Classroom XXI

- **Classroom XXI modernizes TRADOC resident classrooms to transmit (push) and deliver DL anytime, anywhere from proponent schoolhouses.**
- **270 high-tech classrooms scheduled thru FY14.**
- **Current CRXXI classroom fielding status:**
  - 54 classrooms fielded (FY98-04).
  - 18 classrooms in progress (FY05).
- **TRADOC is inserting Classroom XXI technology into 110 high tech classrooms in 5 new Basic Combat Training/One Station Unit Training barracks complexes.**

Lifelong Learning Center (LLC) Initiative

- **LLC is the digital hub of the Army's lifelong learning process where standardized proponent content is developed, stored and delivered to Soldiers (AC/RC) and DA civilians, using cost effective mix of new information technologies and education methods.**
- **Key enabler for:**
  - Strategic Plan for Transforming DOD Training.
  - CSA Leader Development & Education Focus Areas.
  - CSA Army Training & Leader Development Plan (ATDLP) imperatives.
  - AOT Initiative.
- **LLC is integrally linked to Future Combat System, Battle Command Knowledge System, The Army Distributed Learning Program, Army Training Information System, Reimer Digital Library, and the Joint Training System.**

The LLC Model

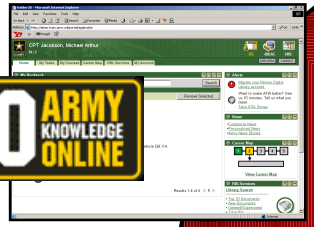


Army Training Information System Infrastructure

The Army TADLP Distributed Learning Program

TRAINING DELIVERY

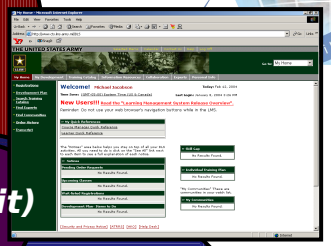
SOLDIER TRAINING HOMEPAGE



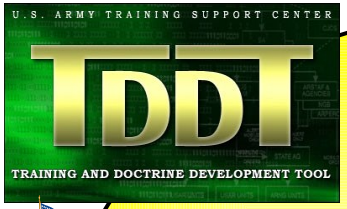
AKO ARMY KNOWLEDGE ONLINE

- ✓ Single access point through AKO
- ✓ RDL
- ✓ Multiple user access enablers
  - Digital Tech Trng Program
  - Digital Training Facility
  - Deployed Digital Training Campus

LEARNING MANAGEMET SYSTEM



TRAINING AND DOCTRINE DEVELOPMENT TOOLKIT

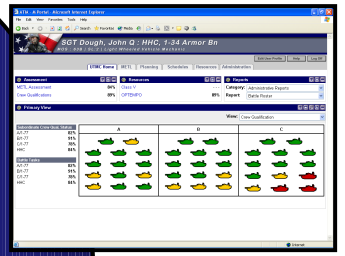


TRAINING DATA & COURSEWARE

Soldier Data (Institutional/Unit) Training Data

ATIS Common Data Access

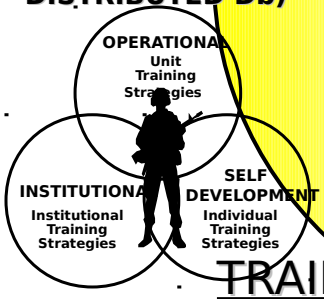
UNIT TRAINING MNGT CONFIGURATION



(DTMS)

LIFE LONG LEARNING CENTER (ATIS DISTRIBUTED Db)

- ✓ Doctrine
- ✓ Individual Tasks
- ✓ Collective Tasks
- ✓ Individual TSPs
- ✓ Combined Arms Training Strategies
- ✓ POIs
- ✓ DL Courseware

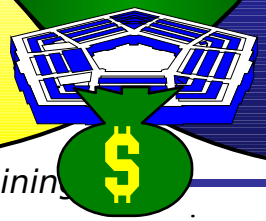


TRAINING/DOCTRINE DEVELOPMENT

DA LEVEL MNGT
PEOPLE
FACILITIES
AMMO

- ✓ Resident/Non-Resident Training Management
- ✓ Unit Training Managem
- ✓ METL Development
- ✓ Capabilities based training planning

TRAINING MANAGEMENT



Experience a Training Revolution!

June

Fort Jackson – Action

Distributed Learning System

DLS Components

- **DLS is the Army's technology enterprise project for delivering and managing distributed learning to Soldiers and civilians around the globe.**
- **The system includes:**
  - ***274 Digital Training Facilities (DTFs)*** – for AC and USAR worldwide.
  - ***Army Learning Management System (ALMS)*** – delivers training products and provides training management functions via the web.
  - ***Enterprise Management Center (EMC)*** – provides connectivity and technical support to users.
  - ***Deployed Digital Training Campus (DDTC)*** – provides training access for troops that are deployed.
  - **E-Learning** – Provides commercial information technology training to the Army workforce.

…providing the capability to train Soldiers at the right time and place.

Mission/System Description

Characteristics/Descriptions

- Readiness-based training priorities.
- Global networked training environment.
- Students trained at home station.
- Technology based Digital Training Facilities.
- Automates Student Management functions.

Capability/Improvements

- Leverages technology to increase training effectiveness and efficiencies.
- Improved readiness.
- Increased training opportunities.

Special Features

- Multimedia courseware.
- Collaborative training opportunities.
- Consistent with DoD, Army & Commercial Standards.
- Trains all components to Army Standards.
- Moves away from traditional resident service school.
- Leverages COTS/GOTS products.

"Acquire, deploy and maintain worldwide distributed learning to ensure American Soldier's receive critical training for mission success"

Digital Training Facilities (DTFs)

- **274 DTFs fielded for AC and USAR worldwide.**
- **Major components include:**
  - 12-16 Student Workstations.
  - Microsoft Office Software.
  - Room-based Video Suite.
  - All Hardware/Software COTS.
- **Major functions include:**
  - Provides student access to information technology resources for training.
  - Provides access to web-based and VTT training.
  - Initiates Culture Shift to DL Training.

Fielded DTFs World-Wide

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Examples of Courses Available

IMI (CBT)

- Aircrew Coordination Training
- ANCOC
- BNCOC
- Operational Security

Web-based

- HAZMAT
- Global Transportation Network
- Safety Course
- Combat Lifesaver
- Armor Captains Career Course Phase 1
- First Sergeants Course

VTT

- ANCOC
- BNCOC
- ANCOC & BNCOC Chief Instructor
- First Sergeants Course
- Medical CMF 91K & 91V Training
- Trauma & Airway Management Training
- Battle Staff NCO Course
- Global Transportation Network
- Medical Training Coordinator
- Casualty Assistance Office Training

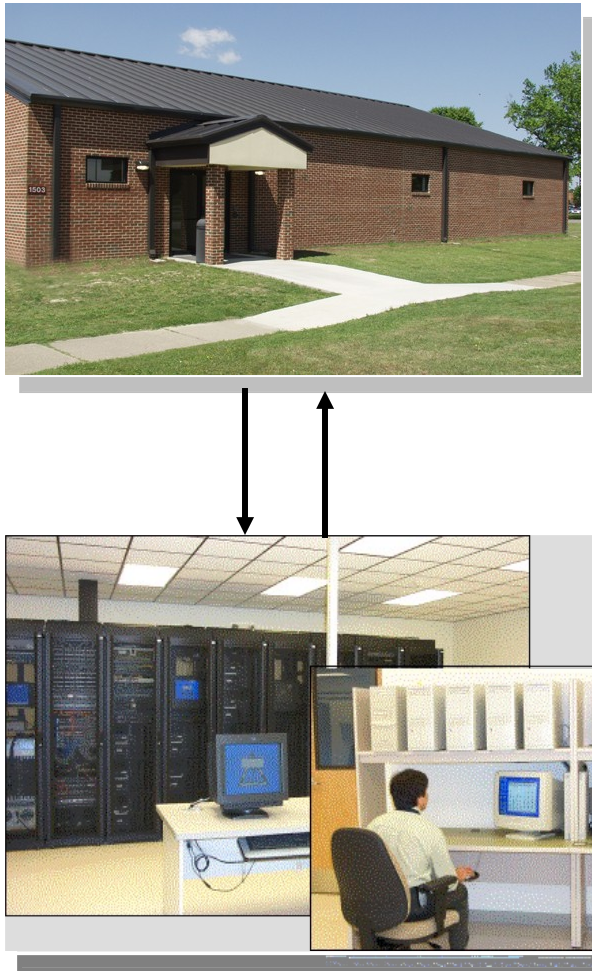
Deployed Digital Training Campuses (DDTCs)

- **FY04 defining functional requirements with TRADOC.**
- **FY05 market investigation and contract award.**
- **FY06 prototyping and DT/OT.**
- **FY07 Full Rate Production decision and initiate fielding.**

Army Learning Management System (ALMS)

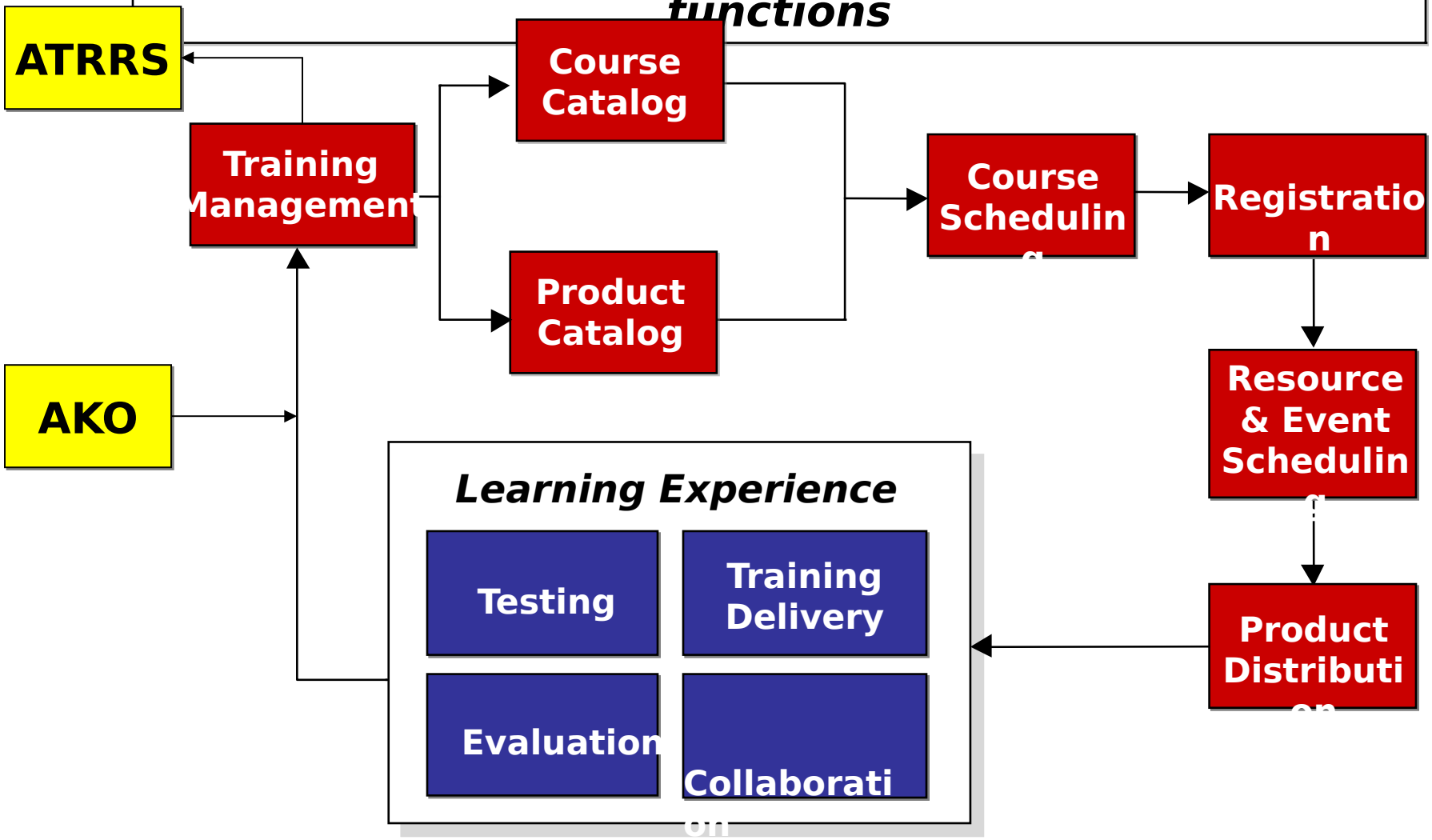
The ALMS

- **ALMS is located at the Enterprise Management Center at Fort Eustis, VA.**
- **Major components include**:
  - Specialized servers and storage devices.
  - Training management application software.
    - Saba Learning v.3.4, Vitria v.3.1, CISCO content delivery.
    - Sun v.5.8 OS, Oracle Database 9I.
    - All products are COTS.
- **Major functions include:**
  - Centralized training management functions for the Army.
  - One-stop course catalog, reservation, registration.
  - Delivery and local storage of training content.



ALMS Major Functions

ALMS represents 11 major training management functions



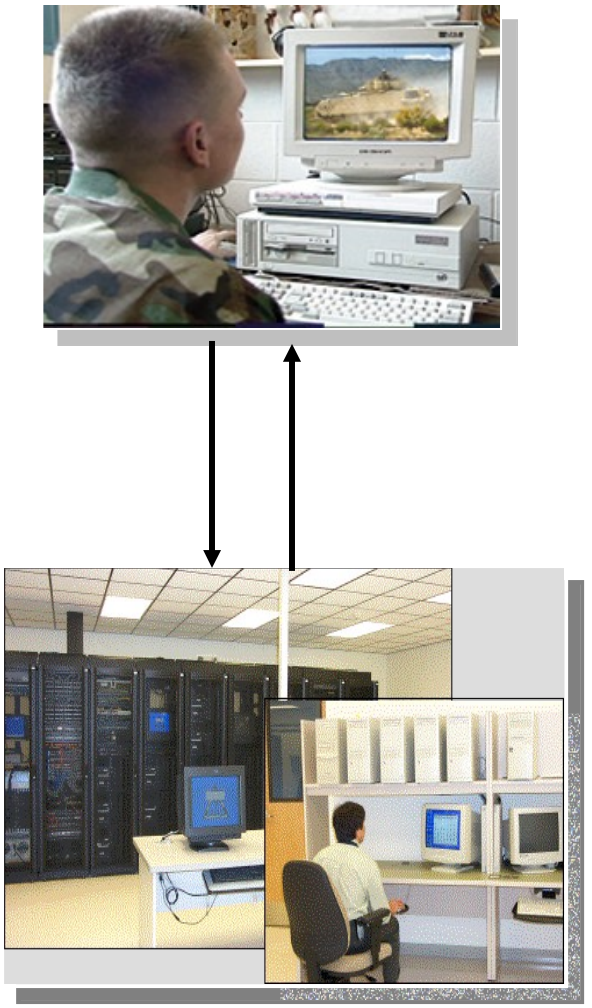
ALMS Support of Resident Training

Army ALMS Provides:

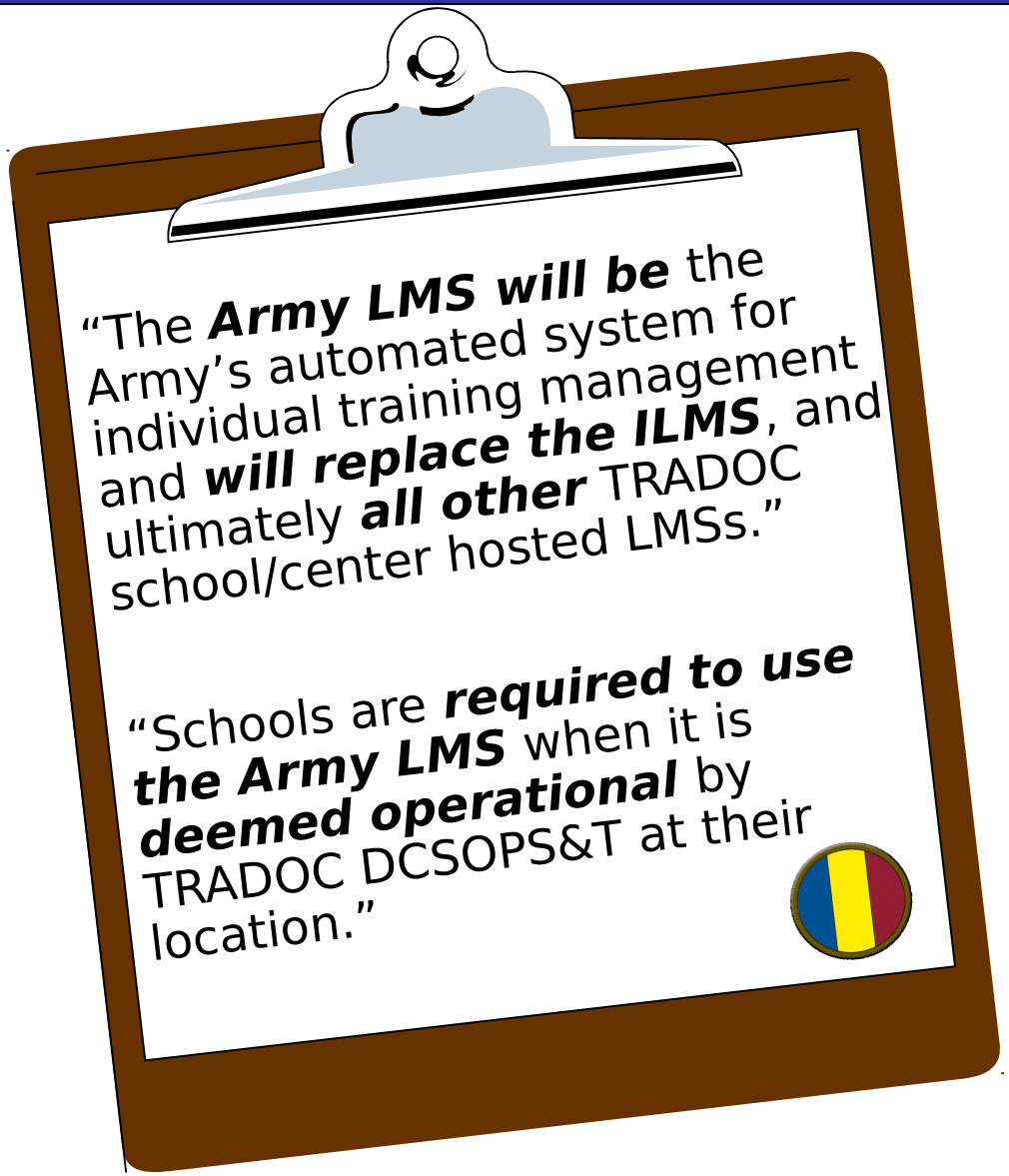
- Student identification and authorization via AKO interface.
- Training resource management for facilities, equipment, and supplies.
- By-hour, by-seat scheduling.
- Automated attendance and grading; automatic lesson-level progress and completion reporting.
- Personal training recordkeeping from registration to transcripts.
- Full suite of training access and security tools.
- Posting of official training records to ATRRS via interface.
- Soldier and civilian MOS/Career Field progress monitoring to the Skill (Task) level.
- Lesson-level synchronous and asynchronous collaboration among students, faculty, and SMEs.
- Test and critique analysis at the question level.

The ALMS Enables

- **Soldiers to take DL training and manage their training records.**
- **Civilians to take HQDA directed training (e.g., POSH).**
- **Operational unit leaders and training NCOs to assess individual and unit training readiness.**
- **Training Managers to schedule and commit training resources.**
- **Training Developers to assess course quality.**



TRADOC Memo, 30 AUG 04


"The **Army LMS will be** the Army's automated system for individual training management and **will replace the ILMS**, and ultimately **all other** TRADOC school/center hosted LMSs."
"Schools are **required to use the Army LMS** when it is **deemed operational** by TRADOC DCSOPS&T at their location."

Scope of ALMS Fielding & Training Effort

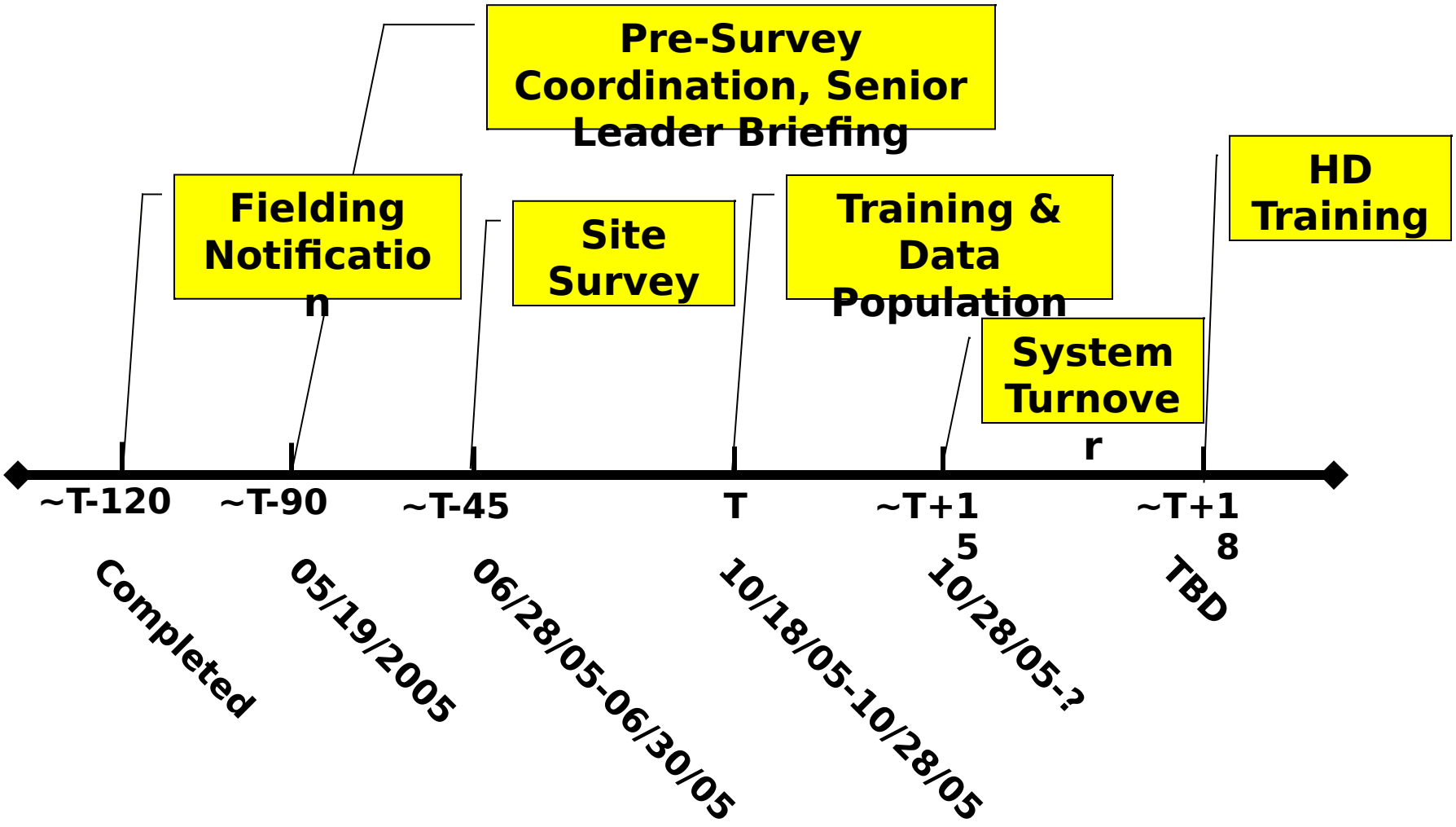
- **Gaining Organization:**
  - Fort Jackson Center and schools.
  - Other training institutions (e.g., NCO academy).
  - Major tenant organizations (e.g., TASS BNs, FORSCOM units).
- **Training Effort:**
  - ALMS is web-based.
  - Fielding = training/data population.
- **Target Personnel:**
  - Managers and supervisors (training support).
  - Training cadre: ALMS users (training).
  - Training equipment and expendable resource managers (training).

ALMS Role-Based Users

Appointments to be made after Site Survey

- **Faculty Roles:**
  - Instructor
  - Assistant Instructor
  - Subject Matter Expert
  - Facilitator
- **Scheduler**
- **Class Manager**
- **Course Manager**
- **Learner (default role)**
- **Resource Roles**
  - Classroom Manager
  - Facility Manager
  - DTF Manager
  - Product Distributor
- **Unit Roles:**
  - Learning Approver
  - Unit Training Manager
- **System Administrator Enterprise Management Center (EMC)**

Fort Jackson Fielding Timeline



Preparation Activities for Site Survey

Data Collection (Prior to Training Initiation)

- **Lists of Active Courseware (Proponency):**
  - Any current storage or repository.
  - Any format or medium.
- **Sources of Automated Training Data:**
  - Types of data:
    - Classrooms and other training facilities (e.g., scheduling).
    - Equipment and expendable resources.
    - Soldier skills by MOS/ASI and grade.
  - Location of data:
    - Electronic files or DB Extracts.
    - Legacy TRADOC or local training support systems.
- **Survey team will send data to PMO for analysis.**
- **Designate individual as Data Owner for all data.**

Preparation Activities for Site Survey

Site POC Coordination

- Prior to Site Survey
  - A week prior to site survey, send listing of ATRRS courses and codes to PMO and a listing of all courseware.
  - Coordinate a briefing room for ALMS and Help Desk overview from 0830 to 1200 hours. Attendees are management and supervisors, and role-based users.
  - Schedule unit visits for the ALMS Team over the next two and half days to answer management and data owners questions and discuss concerns and analyze/collect unit data.
  - After the morning meeting on the first day, the site POC will set up a meeting with one representative from each organization to discuss Help Desk issues and to discuss setting up a Help Desk cell within their organization.
  - Over the course of the next two days, the site POC will schedule a meeting each day for the Help Desk representatives to meet with ATSC Help Desk representative.

Site Survey

- **Three Days**: **06/28/05-06/30/05**
- **Participants**:
  - Three representatives - PMO DLS, TPIO TRADOC, and Fielding Officer.
  - Site management and supervisors (e.g., course managers, class managers, facility managers, etc.).
  - Selected data owners (role-based users).
- **Events**:
  - Organizational discussions (concerning existing DB framework).
  - Role appointment briefing.
  - Automated and manual data collection.
  - Fielding MOA (consensus) and signing.

DL Courseware

- **For courseware that will be hosted on the ALMS, contact Valerie Williams at 757-878-0433 x 281 or valerie.l.williams@us.army.mil; dlstesting@tadlp.army.mil.**
- **Please contact your Proponent Courseware Manager at ATSC for:**
  - Content on the ILMS or the RDL Servers.
  - New courseware currently going through the ATSC testing process that will be hosted on the ALMS.
- **Site will request ATSC provide DLS with all courseware that resides on ASPEN or RDL servers NLT four weeks prior to the beginning of ALMS training.**
- **Go to www.dls.army.mil/lms_fielding.html and click on "Site Courseware List" for your courseware listing for your Site.**

DL Courseware

- **For content to be imported into the CVS/ALMS, the following information must be provided:**
  - Proponent
  - Course name and number
    - ATRRS course?
    - Course start date
    - Course end date
  - Format (e.g. CD ROM, Web, VTT)
  - PIF or WINZIP file (non-self-extracting zip file)
  - Starting file if the content is html (e.g. index.html)
  - SCORM log file if applicable
  - Version/date of courseware
  - Book marking requirements

Preparation Activities for Training & Data Population

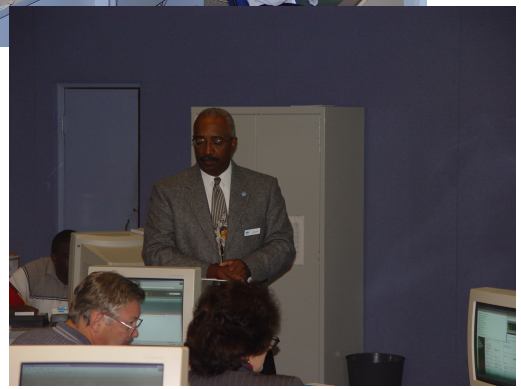
Site POC Coordination

- Prior to Training
  - All students must log into the ALMS before management can request role appointments.
  - Four weeks prior to training:
    - Management must request, from the DLS Help Desk, a role appointment for each student who will receive the ALMS training.
    - Site POC needs to send a listing to the ALMS Fielding Officer with name of individual attending training, their role appointment, their organization, and e-mail address.
  - The first day of training, a large briefing room needs to be reserved from 0830 to 1200 hours to brief all students that will be receiving the ALMS training.
  - Depending on the number of students that need training, site POC will schedule classes with computers to accommodate the training for one week and classes with computers for data entry the second week (PMO will send to the site POC a schedule after the PMO receives the listing of all personnel that will be receiving the ALMS training).

Training & Data Population

- **Two Weeks: 10/18/05-10/28/05**
- **Participants**:
  - Representatives from DLS (PMO and prime contractor) and TRADOC (TPIO).
  - DLS representatives may include up to three training teams with the maximum capability of training 75 role-based users in three separate classroom simultaneously (with a classroom capacity of 25 seats).
  - Site management and supervisors.
  - All role-based users (training data owners).
  - Army Training Help Desk Representative (ATSC).

Training & Data Population



- **Events**:
  - Introduction and orientation briefs (½ day).
  - Role-based User training (4 ½ days – “Week 1”).
  - Data entry by organization with fielding team assistance (5 days - “Week 2”).
- **Organizational Data Entry until completed.**
- **Army Training Help Desk (ATHD) training will occur the week following ALMS training.**

High Level Fielding Schedule

	Day 1	Day 2	Day 3	Day 4	Day 5
A.M	Travel Day	All (Room Size that will fit all)	CoM	CoM / CM	CoM / CM / I
P.M		RM	CoM	CoM / CM	AAR

	Day 6	Day 7	Day 8	Day 9	Day 10
A.M	Data Entry	Data Entry	Data Entry	Data Entry	AAR
P.M	Data Entry	Data Entry	Data Entry	Data Entry	Data Entry

CoM = Course Manager / Could Be: POI Personnel, Course Developer
CM = Classroom Manager / Could Be: Operation Sgt, SGL
RM = Resource Manager
I = Instructor
UTM = Unit Training Manager / Could Be: Operation Sgt, Training NCO
LA = Learning Approval / Could Be: Cmd's, or any one appointed to approve Learner's Training

Army Training Help Desk (ATHD)

- **TRADOC has tasked ATSC with providing customer assistance for Army Training.**
  - Individual sites will determine and provide the staffing for their component of the ATHD.
  - Staffing requirements at proponent organizations are site specific.
  - Site specificity is based upon the size of the proponent organization, the availability of courses, and the anticipated customer base.

ATHD Composition

- **The Army Training Help Desk (ATHD) is made up of three functional components:**
  - Distributed Learning System (DLS)
  - Army Training Support Center (ATSC)
  - Proponent (School)
- **These organizations are accessed by the Soldier or civilian through a single portal: ATSC's Help Desk at ASK-ATSC.**
  - 1-800-ASK-ATSC
  - https://ask-atsc.atsc.army.mil

ATHD Responsibilities

ATSC	DLS	Proponent
ATIS related	DTF related	Courseware
Training Development	Facilities	Content
Training Resources	Network	Usability
Collective Training	VTT	Proponent Doctrine
Legacy Systems	ALMS related	Resident Issues
Army & TASS	Access	eMentor Help
TRADOC Policy	Functions	Subject Research
CRXXI	Sys/Admin	
Regulations & Publications		
DL Contracts		

ATHD Training

- **Two Days:** TBD
- **Participants**:
  - Army Training Help Desk Representative (ATSC).
  - Help Desk representative from units (management and agent).
- **Events**:
  - Common training in morning and Instructor receives training in even (day 1).
  - Manager and agents receive training (day 2).

Memorandum of Agreement

PM Distributed Learning System will…

- **Provide personnel and materials**
  - To train designated users in ALMS processes, procedures, and techniques used to support their applicable Army Training Tasks.
  - For two weeks on-site.
- **Provide continuous access to:**
  - On-line references and training materials.
  - 24 X 7 Help Desk support for the ALMS.

Memorandum of Agreement

Receiving Organization will…

- **Provide site POC for coordination.**
- **Provide role-based users to participate in ALMS training and perform duties as data owner.**
- **Provide logistics support to training team.**
- **Provide facilities to support training and fielding.**
  - Auditorium (1/2 day - Day 1).
  - Classroom(s) with individual networked PCs sufficient to support role-based user access to ALMS.

Memorandum of Agreement

Receiving Organization will…

- **Reminder!!!** **Ensure – two weeks prior to training:**
  - That all students log into the ALMS in order for management to be able to request role appointments.
    - Management must request, from the DLS Help Desk, a role appointment for each student who will receive the ALMS training.
  - Site POC sends a listing to the ALMS Fielding Officer with students' AKO user names, their role appointment, their organization, designated Domain, and Approving Authority.

Leave Behind Materials

- Data Population Plan
- Guide to Data Collection
- Courseware Listing Template
- List of ALMS Roles and their Descriptions
- ALMS Fielding Presentation
- Materiel Fielding Plan
- ALMS Training Standard Operating Procedures (SOP)
- Draft MOA
- Proposed Schedule
- Fielding Checklist

Leave Behind Materials "Take Away"

Data Population Plan

- Defines and documents how the required data will be acquired to ensure operational capability of the ALMS.
- Identifies organizations, roles and responsibilities, and discrete tasks necessary for population of data from current Army sources (automated and manual) into the ALMS.
- Guides the efforts for initial population of data during the fielding period, after which the sustainment of data will be the responsibility of the data owners.

Guide to Data Collection

- This document is a quick reference of the Data Population Plan.

Leave Behind Materials "Take Away"

Courseware Listing Template

- This listing helps TRADOC and PM DLS to identify the level of data that is part of each organization.
- Need a listing of all resident and non-resident courses and courseware and codes.
- Listing needs to be forward to PM DLS office prior to organization site survey.

List of ALMS Roles and their Descriptions

- Describes the user roles found within the ALMS.
- Units need to associate the ALMS roles and its descriptions to organization's functional roles.

Points of Contacts

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Questions?